**Backup & Recovery - exam answers**

**Answer 1:**

C - The database is open for read-only operations, and additional restore operations can be performed.

**Answer 2:**

A - Bulk operations are minimally logged while all other operations are fully logged.

**Answer 3:**

C - All the extents that have been modified since the last full backup.

**Answer 4:**

A - When checkpoint is explicitly executed.

B - Database files have been altered using Alter Database command.

E - SQL Server periodically generates checkpoints.

F – Backup of a database is taken.

**Answer 5:**

|  |  |
| --- | --- |
| Backup all the information in the database, Used most commonly for disaster recovery and takes the longest time to backup. | Complete database backup |
| The database is divided into partitions that have been modified since last complete backup. | Differential database backup |
| Backup only the changes logged in the transaction log. | Transaction log backup |
| Helps in recovery only the required file or file group for disaster recovery. | File / File group backup |

**Answer 6:**

B - For simple recovery model - after a checkpoint.

D - For full recovery model or bulk-logged recovery model after a log backup.

E - After each checkpoint.

F - The BACKUP LOG statement does not specify WITHCOPY\_ONLY.

**Answer 7:**

C - Create a database snapshot at 08:59 hours.

**Answer 8:**

C - Use the ALTER DATABASE…. SET LOGFILE command along with midsize parameter.

**Answer 9:**

C - Perform a file restore.

**Answer 10:**

B – Create a DIFFERENTIAL database backup every 4 hours.

C – create a LOG backup every 5 minutes.

D – Configure the database to use the FULL recovery model.

E – create a FULL database backup every 24 hours.